

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Fabian Lis

GROUP: Unknown

SERIAL NO: 10/055,447

EXAMINER: Unknown

FILED: January 23, 2002

FOR: ECHO CANCELLER HAVING AN ADAPTIVE FILTER WITH A
DYNAMICALLY ADJUSTABLE STEP SIZE

Assistant Commissioner of Patents
Washington, D.C. 20231

RECEIVED

MAR 12 2002

Sir:

INFORMATION DISCLOSURE STATEMENT

Technology Center 2100

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

Patrick J. O'Shea

Patrick J. O'Shea
Registration No.
Samuels, Gauthier & Stevens, LLP
225 Franklin Street, Suite 3300
Boston, Massachusetts 02110
Telephone: (617) 426-9180
Extension 121

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Christie A. Mims
Christie A. Mims

2-20-02
Date

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP
(Rev. 5/92) 225 Franklin Street, Boston, MA 02110
Telephone: (617) 426-9180

ATTORNEY DOCKET NO. 6590

SERIAL NO. 10/055,447

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Fabian Lis
APPLICANT

Unknown
GROUP

January 23, 2002
FILING DATE

Unknown
EXAMINER

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,259,680	7/10/2001	Blackwell et al.	370	286	
	AB	6,219,418	4/17/2001	Ericksson et al.	379	407	
	AC	6,223,194	4/24/2001	Koike	708	322	
	AD						
	AE						
	AF						
	AG						
	AH						

RECEIVED

MAR 12 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AI						
	AJ						
	AK						
	AL						
	AM						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AN	Simon Haykin, <u>Adaptive Filter Theory, 3rd Edition</u> , 1996, pp. 4-5
	AO	Simon Haykin, <u>Adaptive Filter Theory</u> , 1986, pp. 1-43 and 195-219

EXAMINER

DATE CONSIDERED

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not consid r d. Include copy of this f rm with n xt communication to applicant.